

California Regional Water Quality Control Board-Los Angeles Region
Contracts and Grants Program

Project Summary: 04-323-554

Project Number:	04-323-554	Project Status:	Active	Grant Manager:	C Urrunaga
Project Name:	Sub-Watershed Water Quality Improvement-Groundwater Recharge Demo Project	Project on Schedule:	No		

Project Details

Watershed: Santa Monica Bay WMA

Project Description: Install the first stage of the project which will be a screening-separation type BMP for removing floatables, solids, sediments and other debris from both dry weather flows and wet weather flows up to a three-quarter inch storm event, given the influent concentrations and state of the technology at the time of installation. The second stage will be a vault with cartridges to remove soluble compounds, such as heavy metals, organics and nutrients, to the maximum extent practicable given the influent concentrations and removal efficiencies of the filtering media in the cartridges. The third stage is designed to infiltrate (or store and reuse in the adjacent park) all dry weather flows after treatment, therefore moving all pollutants of concern (POCs) from the storm drain system.

Problem Statement: The project is needed to demonstrate the efficacy of a multi-stage Best Management Practice treatment train to address TMDL standards and impaired water quality and beneficial uses caused by urban runoff, the single largest source of water pollution in the Santa Monica Bay. This ubiquitous problem is of critical concern to the City of Santa Monica because of the City's proximity to the ocean and its dependence upon a healthy Bay for much of its economy.

Outcomes: This is going to collect samples before installation of BMPs to find the water quality from the storm drain line. Samples will be collected once per month assuming flows, for 6 months. If there are no flows no samples will be taken. Then the 3 stage 16th Street Water Quality Improvement-Groundwater Recharge Demonstration Project. There will be photo documentation of treatment train during dry weather and during storm events. The trash will be removed from primary and secondary stages during max. of 4 annual cleanouts. The trash will be weighted and recorded and photographed of the cleanouts.

The goal of this project is to demonstrate a BMP system the improves water quality of runoff leaving a city boundary, which drains directly or indirectly into an impaired water body, and protects beneficial uses through the reduction of nonpoint source pollution, specifically runoff from urbanized areas.

Contract

Execution Date:	6/1/05	End Date:	12/31/08
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Contractor

Contractor Type:	CI	Project Director	Project Assistant
Contractor Name:	City of Santa Monica	Name:	Neal Shapiro
Contractor Department:		Phone Number:	(310) 458-8223
Street Address:	200 Santa Monica Pier	Phone Extension:	
Suite:	K	Fax Number:	3103931279
City:	Santa Monica	Email Address:	neal.shapiro@smgov.n
State:	CA	Zip:	90401-

Funding and Invoices

California Regional Water Quality Control Board-Los Angeles Region
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Funding Source: 319(h)

Fund Summary

Project Amount: \$470,000

Match Amount: \$439,000

	Award	Match
Allocation	\$470,000.00	\$439,000.00
Used	\$0.00	\$0.00
Balance	\$470,000.00	\$439,000.00

Deliverables

Line Item	Description	Date		Task Completed
		Due	Receive	
1.1	PAEP	8/1/05	7/8/05	Yes
1.2	Monitoring Plan	9/1/05		
1.3	QAPP	9/1/05		
2.1.1	Letters to Property Owners	5/1/06		
2.1.2	Meeting Attendance Sheets and Summary	4/1/06		
2.1.3	Analysis of Pre-Installation Photo Documentation	8/1/06		
2.1.4	Pre- and During-installation Photo Documentation	8/1/06		
2.2.2	Draft Design Plans and Specifications	6/1/06		
2.2.3	Public Forum Announcement	7/1/06		
2.2.4	Final Design Plans and Specifications	9/1/06		
2.3.1	Letter to Proceed	3/1/07		
2.3.3	Post-installation Photo Documentation	9/1/07		
2.3.4	As-Built Drawings	11/1/07		
2.4.1	Operations and Maintenance Plan	9/1/05		
2.4.8	Baseline and Post-installation Data	9/1/08		
2.4.9	Data Evaluation	9/1/08		
2.1.10	Copy of Data Spreadsheet	9/1/08		
2.5.2	Educational Materials and Photos of Signage	2/1/08		
2.5.3	Schedule of Tours	4/1/08		
2.5.4	Project Update Articles	7/1/08		
2.5.5	Printout of Updated Webpage	5/1/08		
2.5.6	Reports on Presentation including Copies of Presentations			
2.5.7	Professional Articles			
2.5.8	Site Inspection Reports	5/1/08		
2.5.9	Project Report to Property Owners	11/1/08		
2.6.1	Draft Project Report	11/1/08		
2.6.2	Final Project Report	12/1/08		

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Events

Date: 6/30/06	Comments:
Type: Status report	CEQA/NEPA Permits completed.
Subject: Status	PAEP completed and submitted
Status:	City is waiting for approval of its Centinela and Montana QAPPs before proceeding to ensure that the documents are in the correct format.
	Will request amendments to timelines.
